

Docket No.: **15275/8610 (Dobbins 2-1)**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Application No.: 08/833,620

Filed : April 7, 1997

U.S. Patent No. : 5,043,002

Granted : August 27, 1991

Patentees : Michael S. Dobbins and Robert E. McLay)

For : METHOD OF MAKING FUSED
SILICA BY DECOMPOSING
SILOXANES

Examiner: J. Hoffman

Group Art Unit: 1731

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the February 3, 1998, office action, please amend the above-identified application as follows:

In the Claims:

Please amend claims 28-29 and 31-32 as follows:

28. (Amended) A method according to claim 27, wherein said octamethylcyclotetrasiloxane increases deposition efficiency, defined as a function of grams of SiO₂ produced at the combustion burner, over that achieved when silicon tetrachloride is utilized as a silicon-containing compound in vapor form.

29. (Amended) A method according to claim 28, wherein the deposition efficiency, defined as a function of grams of SiO₂ produced at the combustion burner, increase is about 20%.